

## REMARKS

This application has been reviewed in light of the Office Action dated May 31, 2005. In view of the foregoing amendments and the following remarks, favorable reconsideration and withdrawal of the objections and rejections set forth in the Office Action are respectfully requested.

Claims 1, 2 and 4-14 are pending. Claim 3 has been cancelled herein without prejudice or disclaimer of subject matter. Claims 1, 9, 11 and 13 have been amended. Claim 14 has been added. Support for the claim changes and the added claim can be found in the original disclosure, and therefore no new matter has been added. Claims 1 and 13 are in independent form.

The title and Claim 11 were objected to on formal grounds and have been amended accordingly. Withdrawal of these rejections is respectfully requested.

Applicant notes with appreciation that Claim 11 has been indicated as allowable if rewritten so as not to depend from a rejected claim. That claim has not been so rewritten because, for the reasons set forth below, its base claim is believed allowable.

Claims 1, 3, 7-10 and 13 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,575,548 (*Corrigan et al.*). Claims 2, 4-6 and 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over *Corrigan et al.* in view of U.S. Patent No. 5,121,135 (*Deguchi et al.*), U.S. Patent No. 5,163,063 (*Yoshikawa et al.*), U.S. Patent No. 5,635,968 (*Bhaskar et al.*), U.S. Patent No. 6,070,959 (*Kanbayashi et al.*) and U.S. Patent No. 6,177,815 (*Baumgartner et al.*), respectively. Applicant respectfully traverses these rejections.

Independent Claim 1 recites, *inter alia*, that a voltage generation circuit for generating voltage for driving an analog circuit by using a voltage applied to a printing element is arranged on an element substrate.

*Corrigan et al.* relates to a system and method for controlling energy characteristics of an inkjet printhead. The printhead includes analog and digital devices. Fig. 1B shows power supply 114 connected to processing driver head 120, which includes data processor 124 and driver head 126. The Examiner infers that “since this is the only power supply going to the print head, the varying voltages of the generators must be derived from the overall power supply driving the print head.” However, Applicants understand that nothing in *Corrigan et al.* teaches or suggests a voltage generation circuit, arranged on an element substrate, for generating voltage for driving an analog circuit by using a voltage applied to a printing element.

Since *Corrigan et al.* is not understood to contain all of the elements of independent Claim 1, that claim is believed allowable over the cited art. Since independent Claim 13 recites, *inter alia*, elements similar or identical to those recited in Claim 1, Claim 13 is also believed allowable over the cited art.

A review of the other art of record, including *Deguchi et al.*, *Yoshikawa et al.*, *Bhaskar et al.*, *Kanbayashi et al.* and *Baumgartner et al.*, has failed to reveal anything which, in Applicant’s opinion, would remedy the deficiencies of the art discussed above, as a reference against the independent claims herein. Those claims are therefore believed patentable over the art of record.

The other claims in this application are each dependent from independent Claim 1 and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual consideration or reconsideration, as the case may be, of the patentability of each on its own merits is respectfully requested.

In view of the foregoing amendments and remarks, Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

LETTER CORRECTING CITATION OF PREVIOUSLY-CITED DOCUMENT

Applicant wishes to correct an incorrect citation in the Information Disclosure Statement filed on March 5, 2002. Specifically, the citation of Japanese Laid-Open Patent Application No. "6-71260" should have read "60-71260." It is noted that while the incorrect Japanese document (6-71260) was submitted with that Information Disclosure Statement, an English-language Abstract for the correct document (60-71260) was submitted as the corresponding abstract. The correct document (60-71260) is discussed in the specification beginning at page 48, line 13 (the incorrect page and line number were given in the Information Disclosure Statement filed on March 5, 2002).

The correct document (60-71260) is listed on the attached Form PTO-1449, and a copy thereof together with another copy of the English-language Abstract therefor is enclosed. It is respectfully requested that the Examiner return an initialed copy of the enclosed Form PTO-1449, indicating that the document listed thereon has been considered. It is further requested that, at such time as the instant application issues as a patent, the incorrect document (6-71260) not be printed on the patent.

While no fee is believed required for this matter, the Office is hereby authorized to charge any required fee to Deposit Account No. 06-1205. A duplicate of this letter is enclosed for fee processing.

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Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



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